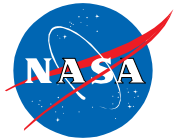


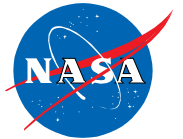
Alert Exchange Task Force Report

Frank Groen
Trilateral SMA Meeting, Tokyo, Japan
September 2016



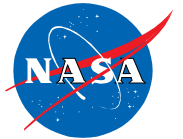
Summary from Last Meeting (May 2015)

- Terms for a protocol for alert information sharing were proposed
- Initial sharing of identifying parts information only:
 - NASA will provide header listings of new NASA Advisories
 - DOD/GIDEP is providing a header listing of new GIDEP Alerts
 - ESA will provide a listing of releasable ESA Alerts
 - JAXA will provide a listing of Shinraisei Gijutsu Jouhou
- Partners may request detailed alert data if existing agreements exist to protect data
 - Details spelled out in a Protocol Document
 - Proposed a one year trial period
- Evaluate equity of shared information
- Pursue legal issues for expanded sharing agreement



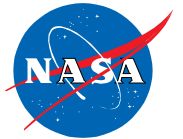
Activities Since Last Meeting

- Sample alert information listings were shared by GIDEP
 - Data was considered too broad in scope
- DOD/GIDEP has withdrawn from discussions
 - Lack of support by European and Japanese industry
 - Remaining complications in formulating agreements
- Discussions were limited to sharing of Agency alerts only
 - Trilateral protocol for sharing public/identifying information
 - Bilateral agreements for sharing non-public information
- No further sharing of alert information has taken place



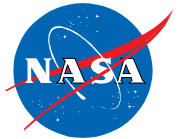
Updated Protocol: Sending

- The SENDER will initiate the sharing of information identifying the subject of new Alerts to the extent the SENDER believes the RECEIVER has an urgent need to know based on a potential relevance to cooperative projects and general safety and mission success considerations.
- The SENDER is responsible for ensuring the necessary clearances (proprietary data, export control, etc.) applicable within its organization in place to sending to the RECEIVER. Non-public information (including export-controlled information) will not be shared without an international agreement in place allowing for the sharing of such information and governing the handling and distribution of the information.
- The SENDER will send the Alert listings which may include alerts not previously provided at the end of the calendar year to the Points of Contacts.



Updated Protocol: Receiving

- The RECEIVER may share Alert information and Alert listings with its related entities, other government agencies, and other parties when required by law.
- RECEIVERS may request additional information regarding the Alert with reference to international agreements allowing for the sharing of such information and governing the handling and distribution of the information.
- RECEIVERS commit to providing feedback concerning the relevance of Alert information to SENDERS.



Proposal: Signature of Alert Sharing Protocol

- The task force proposes signature of the protocol document:
“Safety and Mission Assurance Protocol: Alert Exchange Process”
- The protocol:
 - Documents a mutual interest by the Agencies to exchange alert information
 - Establishes basic processes to initiate such exchanges via the sharing of public identifying information
 - Is not legally binding
 - Expires after five years
 - May be unilaterally terminated



Bilateral Agreement Status

- **JAXA-NASA:** initiated under existing Joint Agreement
 - Draft agreement currently under review by Agencies
- **JAXA-ESA:** proposed
 - JAXA proposal under review by ESA
- **NASA-ESA:** none currently proposed
 - Intend to initially share non-public data via existing agreements
 - Agreement is feasible but will require State Department review



Path Forward

- Upon signature of the protocol:
 - Agencies will establish bilateral agreements as needed
 - Points of Contact will implement the protocol
 - Task force will review implementation and report at the following Trilateral Meeting